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**FACSIMILE COVER SHEET**

**TO:** Examiner A.E. Dudding  
United States Patent and Trademark Office

**FROM:** Leonard P. Diana (Reg. No. 29,296)

**RE:** Docket No.: 03500.013949.1  
Appln. Of: YOSHIYUKI IMANAKA ET AL.  
Appln. No.: 10/052,338  
Filed: January 23, 2002  
Group Art Unit: 2853

**FAX NO.:** 703-872-9306**DATE:** June 17, 2004**NO. OF PAGES:** 16  
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JUN 17 2004

In re Application of:

Docket No.: 03500.013949.1

YOSHIYUKI IMANAKA ET AL.

Appln. No.: 10/052,338

Examiner: A.E. Dudding

Filed: January 23, 2002

Group Art Unit: 2853

For: HEAD SUBSTRATE HAVING DATA MEMORY,  
PRINTING HEAD, PRINTING APPARATUS AND  
PRODUCING METHOD THEREFOR

Date: June 17, 2004

**OFFICIAL**Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Transmitted herewith is a Preliminary Amendment in the above-identified application.

☒ No additional fee is required.

The fee has been calculated as shown below


CLAIMS AS AMENDED						
	(2) CLAIMS REMAINING AFTER AMENDMENT		(4) HIGHEST NO. PREVIOUSLY PAID FOR	(5) PRESENT EXTRA	RATE	ADDITIONAL FEE
TOTAL CLAIMS	* 38	MINUS	** 115	= 0	x \$9 \$18	\$0.00
INDEP. CLAIMS	* 4	MINUS	*** 4	= 0	x \$43 \$86	\$0.00
Fee for Multiple Dependent claims \$145°/\$290						\$0.00
TOTAL ADDITIONAL FEE FOR THIS AMENDMENT---						\$0.00

\* If the entry in Column 2 is less than the entry in Column 4, write "0" in Column 5.

\*\* If the "Highest Number Previously Paid For" IN THIS SPACE is less than 20, write "20" in this space.

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- ☐ Verified Statement claiming small entity status is enclosed, if not filed previously.
- ☐ A check in the amount of \$\_\_\_\_\_ is enclosed.
- ☐ Charge \$\_\_\_\_\_ to Deposit Account No. 06-1205. A duplicate copy of this sheet is enclosed.
- ☒ Any prior general authorization to charge an issue fee under 37 C.F.R. 1.18 to Deposit Account No. 06-1205 is hereby revoked. The Patent and Trademark Office is hereby authorized to charge any additional fees under 37 C.F.R. 1.16 and 1.17 which may be required during the entire pendency of this application, or to credit any overpayment, to Deposit Account No. 06-1205. A duplicate copy of this paper is enclosed.
- ☐ A check in the amount of \$\_\_\_\_\_ to cover the Extension fee for response with a \_\_\_\_-month extension is enclosed.
- ☐ A check in the amount of \$\_\_\_\_\_ to cover the Information Disclosure Statement fee is enclosed.
- ☒ Applicants' undersigned attorney may be reached in our New York Office by telephone at (212) 218-2100 or by facsimile at (212) 218-2200. All correspondence should continue to be directed to our address given below.

  
Attorney for Applicants  
Reg. No.: 78,286

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JUN 17 2004

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03500.013949.1

PATENT APPLICATION

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: )  
YOSHIYUKI IMANAKA ET AL. ) Examiner: A. E. Dudding  
Application No.: 10/052,338 ) Group Art Unit: 2853  
Filed: January 23, 2002 )  
For: HEAD SUBSTRATE HAVING DATA )  
MEMORY, PRINTING HEAD, )  
PRINTING APPARATUS AND )  
PRODUCING METHOD THEREFOR : June 17, 2004

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

PRELIMINARY AMENDMENT

Sir:

Prior to continued examination on the merits, Applicants respectfully request that the above-identified application be amended as follows. The claim amendments are reflected in the listing that begins at page 2. The Remarks begin at page 13.

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June 17, 2004

(Date of Transmission)

LEONARD P. DIANA Reg. No. 29,296

(Name of Attorney for Applicants)



Signature

June 17, 2004

Date of Signature